

13. Miniaturized gas chromatograph pursuant to one of the aforementioned claims, characterized in that recesses (16) are provided in the circuit board into which capillaries (18), preferably glass capillaries are countersunk for the gas flow.

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14. Miniaturized gas chromatograph pursuant to one of the aforementioned claims, characterized in that an electromechanic drive (17) is provided that displaces the first sheet (6) relative to the second sheet (7).

10 15. Miniaturized gas chromatograph pursuant to claim 14, characterized in that the electromechanic drive (17) is a linear motor.

16. Miniaturized gas chromatograph pursuant to claim 14, characterized in that the electromechanic drive (17) is a bistable magnet system.

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17. Miniaturized gas chromatograph pursuant to one of the aforementioned claims, characterized in that the detector (3) that preferably is a thermal conductivity detector, is provided with a gas flow sensor whose signals enable a correction of the base line.

20 18. Injector, particularly for a miniaturized gas chromatograph, characterized in that the injector (1) comprises a first sheet (6) with channels (12) which is provided with a second sheet (7) with channels (13) and which may be displaced relative to the latter, whereby at least one of the sheets (6, 7) is provided with a layer (8) of plastic on the side of the sheet facing the other sheet (6, 7).

Replaced
By Article
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